

Chemical Information:

Name: 2,4-Dimethoxyaniline
 CAS No.: 2735-04-8
 Tox21_ID No.: Tox21_202957
 NTP_CID No.: 6582
 Supplier: Sigma Aldrich
 Lot No.: MKBG6902V
 MW: 153.18 g/mol

Date of Analysis: 16 March 2017

Purity and Identity Results:

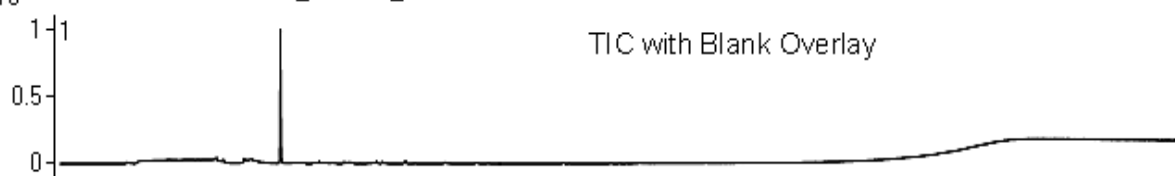
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2,4-Dimethoxyaniline	19.66	81.62
2-Methoxy-5-acetylaniline	20.03	17.23

^a Peaks comprising $\geq 0.5\%$ of total area.

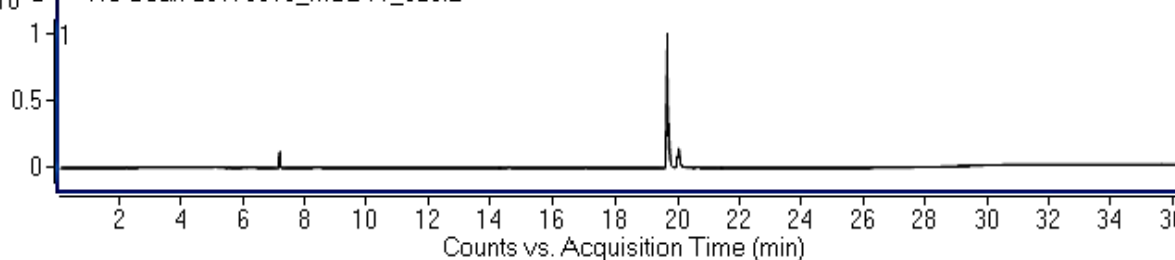
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	40 – 655 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10² + TIC Scan 20170316_MSD11_006.D



x10² + TIC Scan 20170316_MSD11_020.D



x10⁶ Benzenamine, 2,4-dimethoxy- + Scan (rt: 19.627, 19.634, 19.641, 19.648 ... min, 11 scans) 20...

